

## ABSTRACT

This invention relates to an optical disc assembly capable of receiving an insert upon which an analyte of interest may be disposed. The optical disc assembly can be read by an optical disc reader, such as by a standard CD or DVD reader, and the analyte disposed on the insert can be detected by the optical disc reader. The optical disc assembly may have one or more data layer in which operational information or assay information is encoded. Hologram may be used to encode operational information or assay information.

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